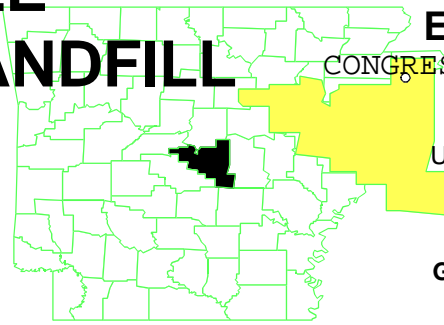


# JACKSONVILLE MUNICIPAL LANDFILL ARKANSAS

EPA ID# ARD980809941



**EPA REGION 6**

CONGRESSIONAL DISTRICT 02

Loanoke County

Updated: April 28, 1997

**Other Names:**  
**Graham Road Landfill**

## Site Description

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**Location:**

- On Graham Road east of Jacksonville, Arkansas, just inside the Pulaski County line.
- North of Little Rock.
- The Rogers Road Landfill site is located approximately 1/2 mile to the west.

**Population:**

- An estimated 10,000 within three miles of the site.

**Setting:**

- An estimated 10,000 people draw drinking water from public and private wells.
- A private water well is 500 feet from the site.
- The site encompasses approximately 40 acres of an 80-acre tract of land and is used for recreational purposes such as hunting.
- In addition to municipal waste, the drums of industrial wastes were illegally dumped in the landfill.
- On-site soil and drums were contaminated with 2,3,7,8-tetrachlorodibenzo (P) dioxin (2,3,7,8-TCDD), 2,4-D, 2,4,5-T, and 2,4,5-TP.

**Hydrology:**

- Deposits underlying the site are composed of silty clay to about 80 feet.
- Ground water and surface water flows are to the southeast.

## Wastes and Volumes

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- The principal pollutants at the Jacksonville Municipal Landfill included 2,3,7,8-TCDD (dioxin), and herbicides (2,4-D, 2,4,5-T and 2,4,5-TP).
- 498 cubic yards of contaminated soil and 22 drums of hazardous materials were excavated during the site remediation.
- Contamination was confined to four isolated drum pile locations. There is no off-site contamination.

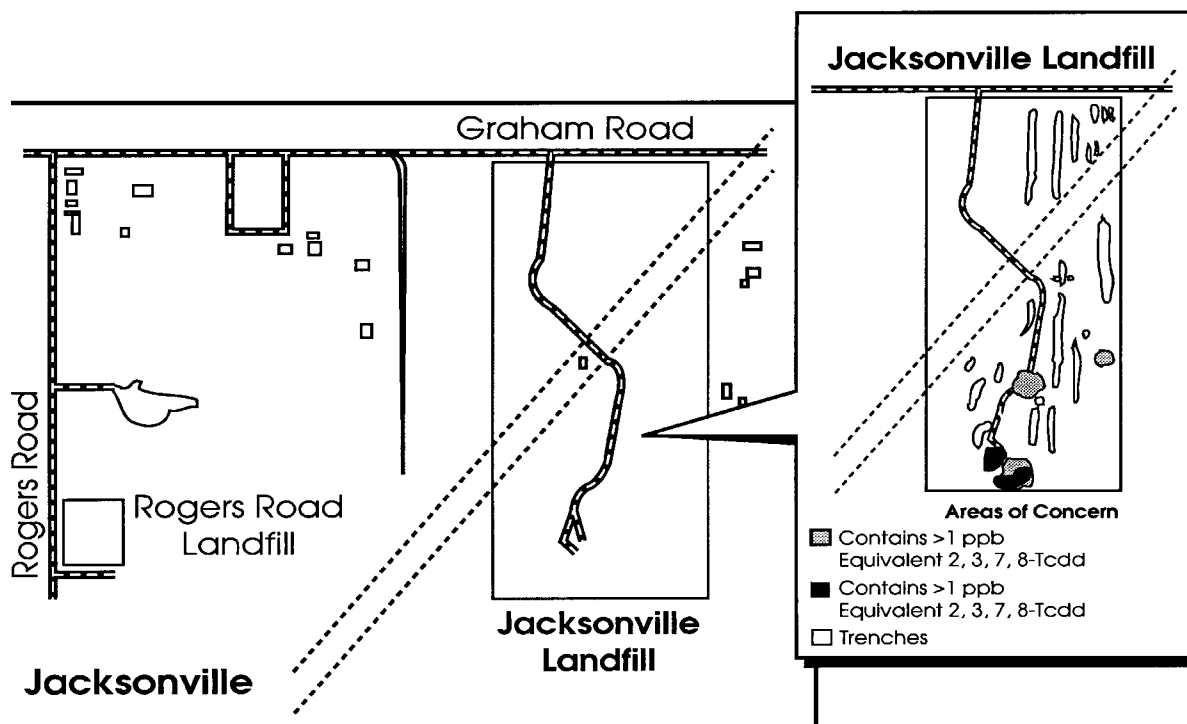
## Site Assessment and Ranking

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## NPL LISTING HISTORY

Site HRS Score: 29.64  
Proposed Date: 01/22/87  
Final Date: 07/22/87  
NPL Update: No. 6

## Site Map and Diagram



## The Remediation Process

### Site History:

- The City of Jacksonville purchased the site in June 1960 and operated it as a municipal landfill until 1973.
- Wastes industrial and municipal were at first burned and then later dumped into unlined trenches. No cover was applied at the end of the day.
- Site was closed in July 1973 when the Arkansas Department of Pollution Control and Ecology refused to grant a landfill permit due to the high water table and poor drainage.
- In early 1986, the City of Jacksonville fenced the site to prevent public access.

### Health Considerations:

- Potential for direct contact.
- Potential for contamination of residential wells.

## Record of Decision

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Signed: September 27, 1990

- The remedy selected for the Jacksonville Municipal Landfill included excavation of the on-site waste material, thermal treatment and ash disposal of this material at the Vertac Chemical Corp., capping of residual waste on-site, long term ground water monitoring and site maintenance.

### Other Remedies Considered

1. No action
2. Capping
3. Off-site thermal destruction
4. Thermal destruction at landfill

### Reason Not Chosen

Not protective  
Not permanent, does not satisfy EPA's preference for treatment.  
No commercial facility presently permitted to accept dioxin waste.  
Less secure location than at landfill Vertac; not industrially zoned.

## Community Involvement

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- Community Involvement Plan: Developed 11/88.
- Open houses and workshops: Open house 7/88; Update 11/88 and 3/89; Open house and Update 7/89; Update 12/89; Update 5/90; Update 6/94.
- Original Proposed Plan Fact Sheet and Public Meeting: 07/90.
- Original ROD Fact Sheet: 10/90.
- Milestones: Satellite Office Open 7/90 - Continuing Community Outreach/Contact.
- RD/RA Public Meeting, 8/94
- Citizens on site mailing list: 250
- Constituency Interest: Highly organized community interest (PACCE, FUSE, ACCA, ECA, AA, NAACP, Greenpeace, JPWP, AARF). Elected officials at all levels are keenly aware of and interested in this site.
- Site Repository: Jacksonville City Hall
- Community Relations for this site are also accomplished through Vertac Chemical site outreach.

## Technical Assistance Grant

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- Original Availability Notice: 4/88, 1/92
- Letters of Intent Received:
  - 1) Jacksonville People With Pride Cleanup Coalition (JPWPCUC)
  - 2) Vertac Area Citizens Group
  - 3) Friends United for a Safe Environment
  - 4) People Against Chemically Contaminated Environment

- Grant Award: 05/18/89 to JPWPCUC
- Current Status: Grant award to JPWPCC was annulled 12/91 due to apparent conflict of interest.
- Availability re-advertised 1/92
  
- Letters of Intent received:
  - 1) Jacksonville Superfund Oversight Committee
  - 2) People Against a Chemically Contaminated Environment
  - 3) Jacksonville Superfund Cleanup Coalition
  - 4) Concerned Citizens Coalition (CCC)
- Final Application Received: 2/24/93
- Grant Award: 4/5/93 to CCC
- Technical Advisor selected 9/94, ECO, Inc., contract signed 12/94, terminated 12/95.
- Second Technical Advisor selected 3/96, document reviews and input to remedy selection resumed.
- Current Status: Significant effort and outreach by EPA resulted in consolidation of competing groups onto the CCC Board of Directors. All funds have now been disbursed. Grant is closed out.

## Fiscal and Program Management ---

- **Remedial Project Manager (EPA):** Kathleen Aisling, 214-665-8509, Mail Code: 6SF-LT
- **State Contact:** Devon Hobby (ADPC&E), 501-682-0851
- **Community Involvement Coordinator (EPA):** Donn Walters, 214-665-6483, Mail Code: 6SF-P
- **State Coordinator (EPA):** Robie Hirt, 214-665-8079, Mail Code: 6SF-AP
- **Prime Contractor:** RD/RA-U.S. EPA TAT Team,  
Ecology & Environment

### Cost Recovery:

- PRPs Identified: 3
- Viable PRP: 3
- RI/FS Notices issued 12/87

## Present Status and Issues ---

- EPA signed the Preliminary Closeout Report and conducted a ribbon-cutting ceremony signifying construction completion on September 25, 1995.
- EPA signed the Closeout Report on April 30, 1996.
- Site is in operations and maintenance phase and will be deleted from the NPL after one more year of ground water monitoring data shows that the ground water is clean.

## Benefits ---

- Excavation of all hazardous substances at the site has eliminated the potential for exposure to contaminants at the Jacksonville Landfill.
- Access to the site will remain restricted and the City will conduct ground water monitoring and operation and maintenance activities until at least December 1999.

- Had the site not been cleaned up, it would have continued to act as a source of soil contamination and a potential source of ground water contamination.
- Once the site is deleted from the NPL, the city intends to use the land, possibly for community purposes.